



DEPARTMENT OF THE ARMY
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200 ARMY PENTAGON
WASHINGTON DC 20310-0200

REPLY TO
ATTENTION OF

DACS-SF

13 DEC 1999

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Requirements for Explosives Safety Site Plans for Ranges

1. Reference:

- a. AR 385-64, U.S. Army Explosives Safety Program, 28 Nov 97.
- b. AR 385-62, Regulations for Firing Guided Missiles and Heavy Rockets for Training, Target Practice, and Combat, 5 Jan 77, with Change 1, 1 Jun 83.
- c. AR 385-63, Policies and Procedures for Firing Ammunition for Training, Target Practice, and Combat, 15 Oct 83.
- d. DA Pam 385-64, Ammunition and Explosives Safety Standards, 28 Nov 97.
- e. DoD 6055.9-STD, DoD Ammunition and Explosives Safety Standards, Aug 97.

2. The following clarifies Army policy for explosives safety site plans for ranges and facilities on ranges.

- a. Training and development, proof, and testing ranges used to fire ammunition for which approved surface danger zones have been developed per AR 385-62 or AR 385-63 do not require explosives safety site plans.
- b. Firing positions, for both direct and indirect weapon systems, regardless of weapon system, that meet established local range control requirements do not require explosives safety site plans. Safety is provided through application of surface danger zones prescribed in AR 385-62 and AR 385-63.
- c. Range support facilities (e.g., ammunition holding areas, storage pads, resupply points, ammunition transfer points (ATPs), loading docks, burn pans, and handling areas) that are designed, constructed, and used for recurring ammunition operations and that are located on or near ranges require explosives safety site plans. (In cases where ranges are in close proximity to each other, personnel training in the open should



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be provided protection equivalent to a minimum of 60% of inhabited building distance.) However, range support facilities that are only used to store and handle Hazard Division 1.4 ammunition do not require explosives safety site plans.

d. Areas used repeatedly for tactical field training in ammunition support operations (e.g., a grid square within a range used for training units in the establishment of field ammunition supply points (ASPs) or ATPs) require an explosives safety site plan. These areas will be sited as a footprint for anticipated ammunition operations. Tactical positions (e.g., field ASPs and ATPs) within such sited areas that are an inherent part of a training scenario and are not associated with administrative support to training do not require an explosives safety site plan. However, units training within these tactical areas will perform a risk analysis of their ammunition operations to ensure they do not present an explosives safety risk to other units or assets.

e. Locations that are used for training explosives ordnance disposal (EOD) personnel, combat engineers, and other ammunition technicians in the destruction or treatment (e.g., open burn or open detonation) of ammunition and explosives require an explosives safety site plan. However, when such locations are on a range impact area that is sited per AR 385-63 and the quantity distance arcs remain within the controlled area of a range, the locations do not require an explosives safety site plan.

f. All ranges permitted by Federal or State environmental protection agencies for treatment of explosives require an explosives safety site plan, regardless of other uses.

3. Lightning protection will be provided for fixed range storage facilities, i.e., magazines, loading docks, concrete or gravel pads, etc. Lightning protection will not be required for: (a) permanent or temporary Forward Arming and Refueling Points (FARPs), (b) fixed or temporary facilities on which only HD 1.4 munitions are supported, or (c) temporary field ASPs or ATPs established for specific training scenarios. However, in all cases Commanders should use risk management in the selection of sites, ensure procedures are delineated in SOPs for storage area evacuation upon the approach of an electrical storm, and be prepared to shut down operations and evacuate to pre-designated areas should an electrical storm approach the storage area.

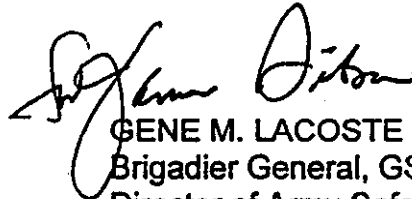
4. Addressees have 18 months from the date of this policy to develop and submit any explosives safety site plans that this policy requires.

5. This policy, which is consistent with DoD 6055.9-STD and has the concurrence of the Department of the Army Explosives Safety Council, will be incorporated in the next

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change to DA Pam 385-64. My point of contact on this issue is Mr. Jim Patton, 703/601-2408, DSN 329-2408.



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Director of Army Safety

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